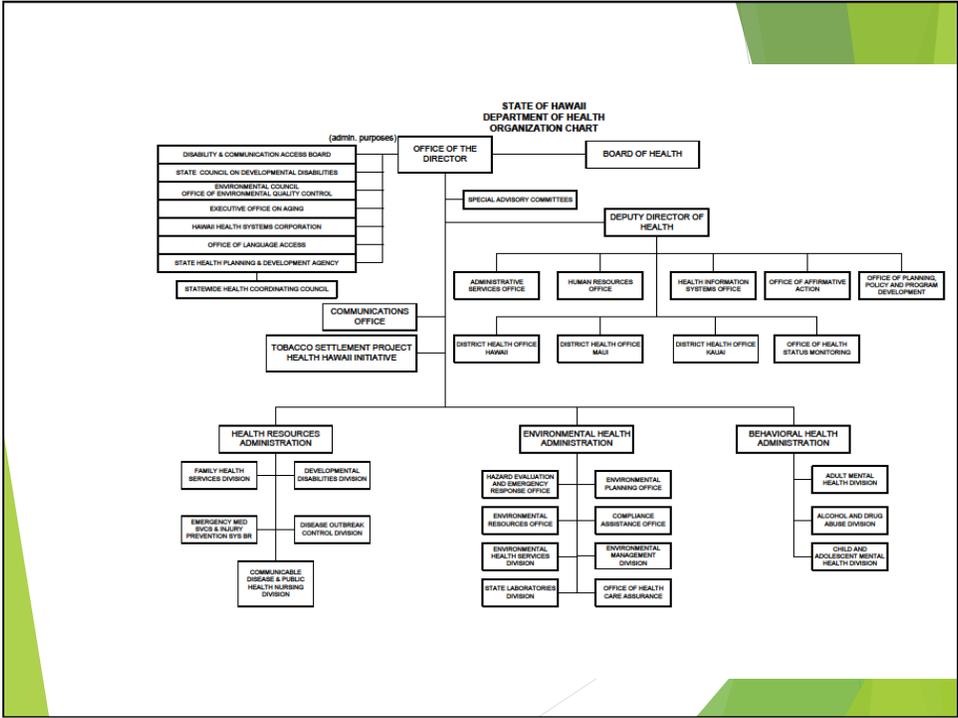
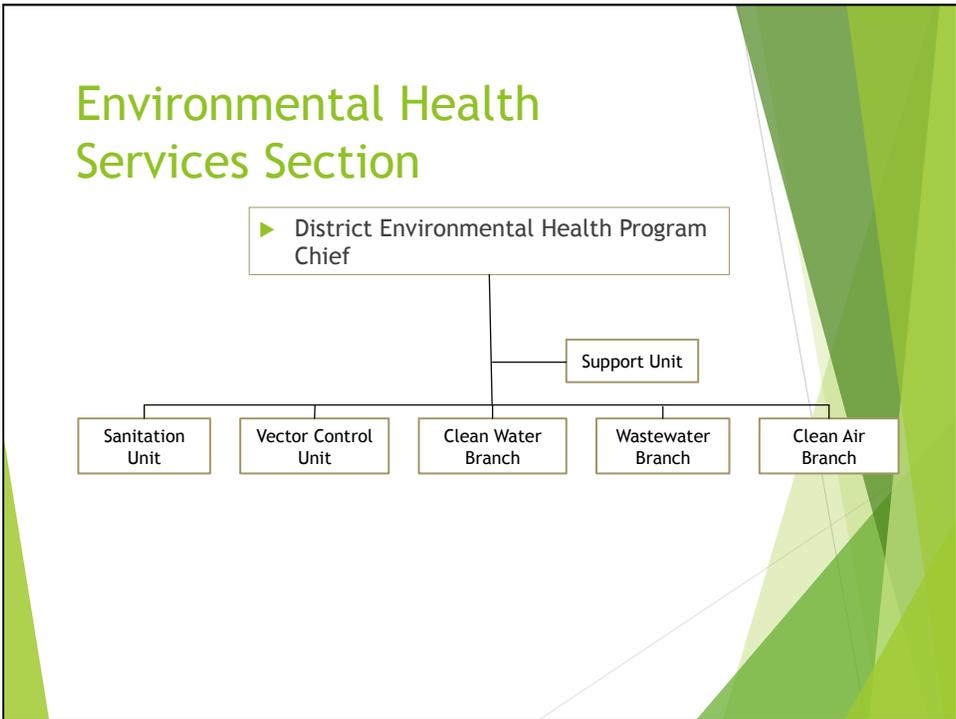
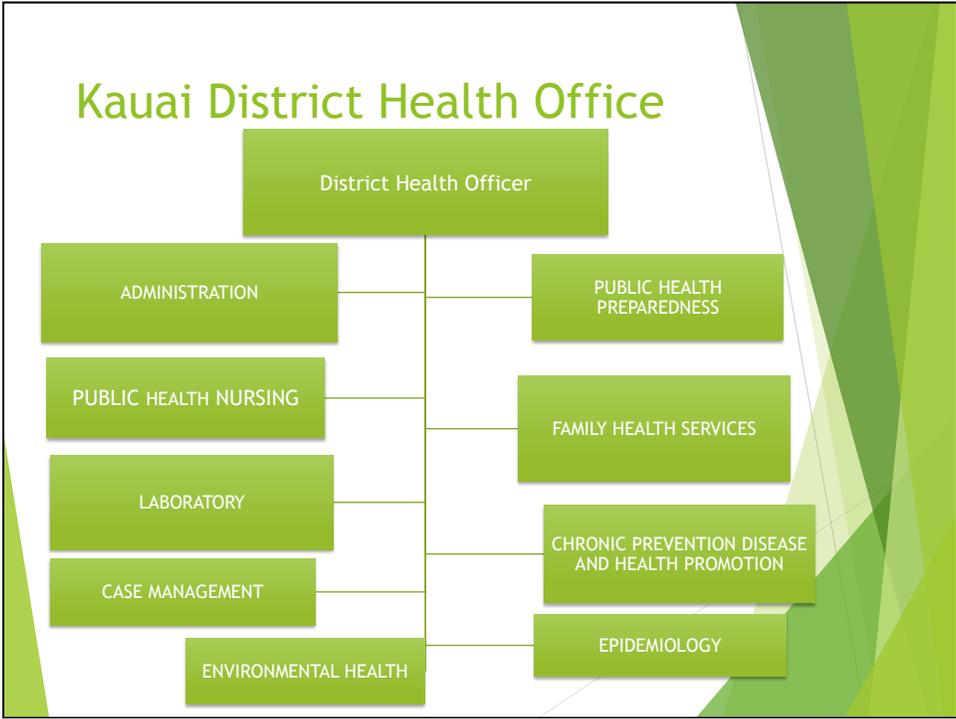


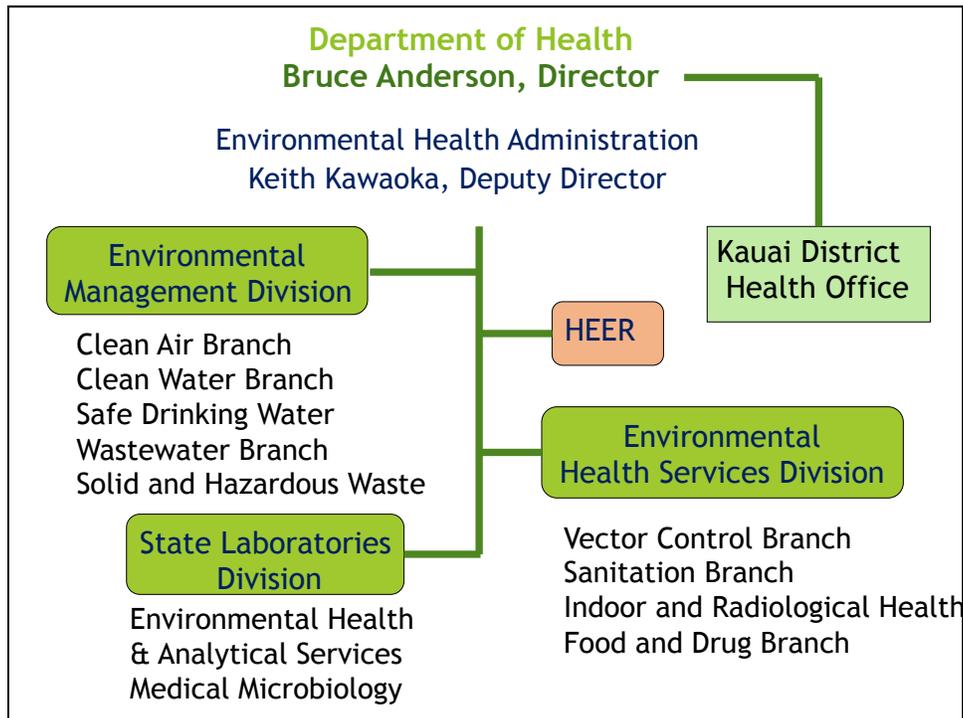
# Kauai County Brownfields Workshop July 10, 018

Fenix Grange  
Program Manager  
Hazard Evaluation and Emergency Response Office

Gerald Takamura  
District Environmental Health Program Chief  
Kauai District Health Office







## Hazard Evaluation and Emergency Response Office

*Protecting Human Health and the Environment*

- Discover, understand risks and protect
- 128D and CERCLA require polluters and property owners ensure the safety of their properties
- We prioritize where, when and how contamination should be cleaned up
- Oversee military, public and private lands
- We approve safe and protective remedies

# HEER on Kauai

- Emergency Preparedness & Response



2017 Kauai  
Floods  
Dump Truck  
Fuel spill



2017 Tier II  
Fee Increase  
For Local  
Emergency  
Planning  
Committees

# HEER on Kauai Hazard Evaluation



2017 KVMH  
Physician  
Training



2017  
Stream  
Sampling

Figure 1. Map of Kauai, Hawaii showing study sites for the samples were collected November 2016 and 2017, additional sampling locations of water samples sites, stream and riparian sites, roadways from U.S. Geological Survey, 2013; Marine and other, 2016; stream and riparian, 2016. The top three samples were obtained during this period. Area with background color shows the riparian area.

## HEER on Kauai Site Discovery, Assessment and Remediation

**Site Discovery:** What happened here?

**Assessment:** What are the hazards?

**Remediation:** How do we make it safe for the intended use?  
How do we keep it safe?

- ✓ Local history and Sampling of Opportunity
  - ✓ Consultations
  - ✓ Fast Track Cleanups
- ✓ Voluntary Response Program
  - ✓ Liability Protections
  - ✓ State of the art guidance